


AMENDMENTS TO THE SPECIFICATION

IN THE SPECIFICATION:

Please amend the specification as follows:

Page 11, first full paragraph, please amend as follows:



The determination of which dielectric layer to be replaced with a composite layer may be performed by an optimization routine that determines which dielectric layers in a mirror are to be modified. The required reflectivity of each mirror is established based on the number of cavities and microwave ~~half-wave~~ half-wave filter theory applied to produce an equal ripple Chebyshev type filter shape. Typically, all the dielectric layers between boundary layers 212 have an optical thickness of $\lambda/4$. The routine determines how to adjust the optical thickness of the dielectric layers so that the predetermined mirror reflectivity is maintained and transmission of a predetermined wavelength (e.g., 1310nm) is optimized. It is understood that physical constraints of the dielectric layers may prevent an absolute optimum design from being obtained and thus the routine is described as enhancing transmission at the predetermined wavelength.